



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

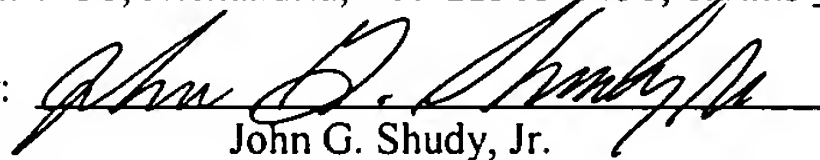
Applicant: Ulrich Bonne et al. Confirmation No.:  
Serial No.: 10/671,930 Examiner: unknown  
Filing Date: September 26, 2003 Group Art: unknown  
For: PHASED MICRO ANALYZER III, IIIA  
Docket No.: H0004978 (1100.1208101)

TRANSMITTAL SHEET

Assistant Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

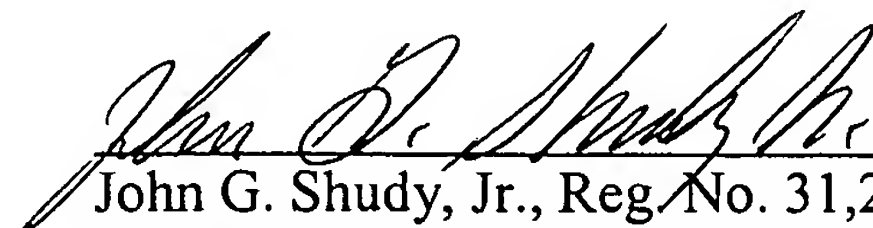
**CERTIFICATE UNDER 37 C.F.R. 1.8:** I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on this 28th day of April, 2004.

By:

  
John G. Shudy, Jr.

We are transmitting herewith the attached:

- [X] Information Disclosure Statement, Form PTO-1449 listing 77 references and 45 non-US patent references attached.  
[X] Please charge any deficiencies or credit any overpayment in the enclosed fees to Deposit Account No. 50-0413.

  
John G. Shudy, Jr., Reg. No. 31,214  
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**INFORMATION DISCLOSURE STATEMENT (37 C.F.R. §1.97(b))**

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By: 

John G. Shudy, Jr.

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F. R. §1.98(a)(2), a copy of each non-US patent or other information listed on the enclosed Form 1449 is provided.

No representation is intended to be made hereby that any of the cited references establishes, by itself or in combination with other information, a prima facie case of unpatentability of any claim of the present case.

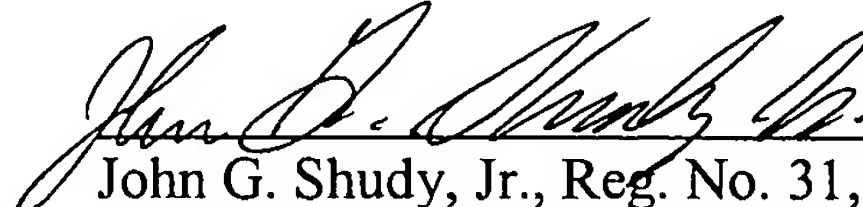
Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Respectfully submitted,

Ulrich Bonne et al.

By their attorney,

Dated: 04-28-04

  
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Atty. Docket No.:

H0004978  
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10/671,930

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT

Applicant: Ulrich Bonne

Filing Date:

September 26, 2003

Group Art:

unknown

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	3,146,616	09/1964	Loyd			
	3,557,532	01/1971	Broerman			
	3,783,356	01/1974	Lide, III et al.			
	4,043,196	08/1977	Trageser			
	4,228,815	10/1980	Juffa et al.			
	4,478,076	10/1984	Bohrer			
	4,483,200	11/1984	Togawa et al.			
	4,507,974	04/1985	Yelderman			
	4,576,050	03/1986	Lambert			
	4,735,082	04/1988	Kolloff			
	4,759,210	07/1988	Wohltjen			
	4,909,078	03/1990	Sittler et al.			
	4,944,035	07/1990	Aagardl Roger L., et al.			
	5,031,126	07/1991	McCulloch et al.			
	5,044,766	09/1991	Stuart			
	5,056,047	10/1991	Sondergeld			
	5,146,414	09/1992	McKown et al.			
	5,243,858	09/1993	Erskine et al.			
	5,263,380	11/1993	Sultan et al.			
	5,268,302	12/1993	Rounbehler et al.			
	5,379,630	01/1995	Lacey			
	5,463,899	11/1995	Zemel et al.			
	5,533,412	07/1996	Jerman et al.			
	5,587,520	12/1996	Rhodes			
	5,922,974	07/1999	Davidson et al.			

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	Applicant: Ulrich Bonne		
	Filing Date: September 26, 2003		Group Art: unknown

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	6,016,027	01/2000	DeTemple et al.			
	6,139,384	10/2000	DeTemple et al.			
	6,178,811	01/2001	Bonne et al.			
	6,194,833	02/2001	DeTemple et al.			
	6,308,553	10/2001	Bonne et al.			
	6,393,894	05/2002	Bonne et al.			
	6,494,617	12/2002	Stokes et al.			

#### FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Translation Yes No
	DE 196 19 133 A1	11/13/97	Germany	Abstract
	DE 2 934 566 A1	03/19/81	Germany	
	DE 32 34 146 A1	03/15/84	Germany	
	DE 42 22 458 A1	01/13/94	Germany	Abstract
	DE 42 43 573 A1	06/23/94	Germany	
	DE 296 07 315 U1	09/26/96	Germany	
	EP 0 232 719 A1	01/10/87	Europe	Abstract
	EP 0 348 245 A2	12/27/89	Europe	
	EP 0 364 982 A2	04/25/90	Europe	
	EP 0 419 873 A2	08/29/90	Europe	
	EP 0 468 793 A2	01/29/92	Europe	
	EP 0 702 212 A2	03/20/96	Europe	
	EP 0 773 432 A2	05/14/97	Europe	Abstract
	GB 2 287 792 A	09/1995	United Kingdom	
	56-153256	11/1981	Japan	Abstract

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		H0004978 (1100.1208101)	10/671,930
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		Filing Date:	Group Art:
		September 26, 2003	unknown

Examiner Initial	Document No.	Date	Country	Translation Yes No
	57-131029	08/1982	Japan	Abstract
	57-206830	12/1982	Japan	Abstract
	WO 92/06369	04/1992	PCT	
	WO 94/20825	09/1994	PCT	
	WO 98/22793	05/1998	PCT	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	Atalla et al., "Radiation Effects with the AC Heated Strip Technique for the Measurement of Thermal Properties of Liquids", <u>High Temperatures - High Pressures</u> , Vol. 17, pages 447-452, 1985.
	Atalla et al. "Measurement of Thermal Properties of Liquids with an AC Heated-Wire Technique", <u>International Journal of Thermophysics</u> , Vol. 2, No. 2, 1981.
1208	Bonne et al., "Industrial Wireless PHASED Sensor Phase 1. Feasibility Demonstration," Progress Report for 4th Quarter of 2002, pp. 1-17, January 31, 2002.
1208	Bonne, et al., "PHASED: a Faster, Smarter and More Affordable Gas Analysis Device," 16th International Forum on Process Analytical Chemistry, San Diego, CA., January 22-25, 2002, pp 1-17.
	Bonne, U., et al., "New Gas Composition and Trace Contaminant Sensors," GTI Natural Gas Technologies Conference, Orland, FL, Sept. 30 - Oct. 2, 2002, pages 1-12.
	Cabuz, C. et al., "Mesoscopic Sampler Based on 3-DF Arrays of Electrostatically Actuated Diaphragms," Proc. 10th Conf. S.S. S&A. Transducers '99 7-12 June '99, Sendai, Japan.
	Cabuz, C., et al., "The Dual Diaphragm Pump," IEEE, pages 519-522, 2001.
	Dipl.-Ing. Dr. techn. Wolfgang Wehrmann et al., "Korrelationstechnik", <u>Expert Verlag</u> , Grafenau, XP002094984, 173 pages, 1980.
	Fuggerth, Endre, "Zone Gas Chromatography," <u>Analytical Chemistry</u> , 61, no. 14, pp. 1478-1485, (1989).
	Honeywell Electronic Materials Interconnect Solutions, Thin Films - Dielectrics, Comparison of Solution and Film Properties, Advanced Products for IC Fabrication, 1 page.
1208	<a href="http://www.advanced-polymers.com/star_center/techincal_papers/reduction_in_effective_dielectric_constant.pdf">http://www.advanced-polymers.com/star_center/techincal_papers/reduction_in_effective_dielectric_constant.pdf</a> , 1 page.
1208	<a href="http://www.chrompack.com/cgi/applicsvie?ap=A00607&amp;Go=G0">http://www.chrompack.com/cgi/applicsvie?ap=A00607&amp;Go=G0</a> , NexTrieve document view, 2 pages, printed December 26, 2002.
1208	<a href="http://www.zoex.com/html/technote_kt030505-1.html">http://www.zoex.com/html/technote_kt030505-1.html</a> , Zoex Corporation, "A New Window on the Che," 5 pages, printed March 15, 2004.
	International Search Report, PCT/US00/19924, mailed March 5, 2001, 7 pages.

<b>FORM PTO-1449</b> Page 4 of 4	Atty. Docket No.: H0004978 (1100.1208101)	Serial No.: 10/671,930
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant: Ulrich Bonne	
	Filing Date: September 26, 2003	Group Art: unknown

		Kenndler, Ernst, "Gas Chromatography," Institute for Analytical Chemistry, University of Vienna, pages 1-34, September 9, 1999
		Kindlund et al., "Quartz Crystal Gas Monitor With Gas Concentrating Stage," Sensors and Actuators, 6 (1984) pp.1-17.
		NexTrieve document view, <a href="http://www.chrompack.com/cgi/applicsview?ap=A00764">http://www.chrompack.com/cgi/applicsview?ap=A00764</a> , 2 pages.
1208		Park, et al., "Microdischarge Arrays: A New Family of Photonic Devices (Revised)," IEEE Journal on Selected Topics in Quantum Electronics, Vol. 8, No. 2, pp. 387-394, March/April 2002.
1208		Park, et al., "Photodetection in the visible, ultraviolet, and near-infrared with silicon microdischarge devices," Applied Physics Letters, Vol. 81, No. 24, pp. 4529-4531, December 9, 2002.
1208		Park, et al., : Arrays of silicon micro discharge devices with multicomponent dielectrics," Optics Letters, Vol. 26, No. 22, pp. 1773-1775, November 15, 2001.
		Phillips, J.B. et al., "Thermal Modulation: A Chemical Instrumentation Component of Potential Value in Improving Portability," Field Analytical Chemistry and Technology, 1(1): 23-29, 1996.
1208		Quimby, et al., " Evaluation of a Microwave Cavity, Discharge Tube, and Gas Flow System of Combined Aas Chromatography - Atomic Emission Detection," Analytical Chemistry, Vol. 62, No. 10, pp. 1027-1034, May 15, 1990.
		Stevenson, Robert, "Wintergreen '97," The World of Separation Science, The 19th International Symposium on Capillary Chromatography and Electrophoresis, 11 pages.
		Toker et al., "Design and development of a fiber optic TDI CCD-based slot-scan digital mammography system," X-ray Detector Physics and Applications II, Proceedings SPIE-The International Society for Optical Engineering, vol. 2009 (July 13-14, 1993) pp.246-252.
		Whitman et al., "Double-Injection FIA Using First-Order Calibration for Multicomponent Analysis," Analytical Chemistry 63 (1991) pp.775-781.

EXAMINER:	DATE CONSIDERED:
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.